4504.9 CUBA 1:62,500 Sheets 1-79

Pam Underwood, L. M.
A Summary of of Charles Wright's explorations in Cuba

Bull. Torrey Bot Club v. 32 p291-300
1905

MAP ILLUSTRATING CHARLES WRIGHT'S EXPLORATIONS IN CUBA

San Jose - "in Pinar del Rio, Near Taco Taco or Santa Cruz"
Retiro - "finca near Taco Taco"

Sitio Nuevo - near Guane

Toscano - finca near N. coast somewhat east of Bahia Honda

Rangel } "20 Leagues westward of Habana"
Los Organos }

Balestina - cattle farm at southern base of mts, opp. Bahia Honda

Pinales - J. Bahia Honda

Sagua (vega) - near Guaisaibon

Prob. N. of M.V. { Potosi
Monte Toro
Loma del Gato - near Filantropia

7 mi west of Monte Verdi - Monte Libano

Cayo del Rey

Probably = Caimanera { Santa Catalina (de Guaso)
Saltadero

San Andrés - 4 leagues from Bayamo

Unnumbered collections from Charles Wright's 2nd Cuban collection; date unknown.

s.n. - hepatic. On damp ground, Viñales, Jan. 30. 1863, 64 ✓

s.n. - Acrocryphaea gardneri (Mitt.) Jaeg. La Palma, Feb. 20. 1863, 64 ✓

s.n. - Acrocryphaea gardneri (Mitt.) Jaeg. On bushes, Las Tunas - P. Principe, Dec. 25. 1861

s.n. - Acrocryphaea gardneri (Mitt.) Jaeg. & Cryphaea filiformis (Sw.) Brid. Las Tunas - P. Principe Dec. 22. 1861

s.n. - Acroporium pungens (Hedw.) Broth. In Farallones, Potosi Monte Toro, Oct. 11. 1859

s.n. - Acroporium pungens (Hedw.) Broth. Around old rotten stumps in thick woods, Monte Verde, March 18. 1859, 60 ✓

s.n. - Brachymenium wrightii Sull. Monte Toro, Potosi, Oct. 10. 1859

s.n. - Brachymenium wrightii Sull. Potosi, Monte Toro, Oct. 11. 1859

s.n. - Brachymenium wrightii Sull. On bushes in thick woods, Monte Verde, Monte Verde, March 18. 1859, 60 ✓

s.n. - Brachymenium macrocarpum Card. On bushes in thick woods, Monte Verde, March 18. 1859, 60 ✓

s.n. - Callicostella depressa (Hedw.) Jaeg. On rocks, San Juan de Buenavista, Nov. 21. 1860

s.n. - Callicostella depressa (Hedw.) Jaeg. On stump of palm in woods, Monte Verde, Feb. 28. 1859, 60, 61 ✓

s.n. - Cryphaea filiformis (Sw.) Brid. & Acrocryphaea gardneri (Mitt.) Jaeg. On bushes, P. Principi - S. Spiritu, Dec. 28. 1861

s.n. - Cyclodictyon varians (Sull.) Jaeg. On rocks covered with calcareous deposition, Retiro, March 12. 1864

s.n. - Cyclodictyon varians (Sull.) Jaeg. & Callicostella depressa (Hedw.) Jaeg. Monte Verde, July 20. 1859, 60, 61 ✓

s.n. - Erpodium domingense (Spreng.) C.M. On rocks, Potrero San Andres, Oct. 23. 1860

s.n. - Erpodium domingense (Spreng.) C.M. On trees, Loma de Rangel, July 15. 1862, 63 ✓

s.n. - Erpodium domingense (Spreng.) C.M. On trees, Embarcadero de Bacunagua, Jurisdic. San Cristobal, April 5. 1862, 63, 64 ✓

s.n. - Erpodium domingense (Spreng.) C.M. On log, Canto, Dec. 20. ?

s.n. - Erpodium domingense (Spreng.) C.M. On the underside of leaning trees, Bayamo, Dec. 19. 1861

s.n. - Erpodium domingense (Spreng.) C.M. On trees in paredones, La Grifa in Luis Lazo, March 23. 1863, 64 ✓

s.n. - Fissidens garberi L. & J. In very small amount. On trees, Fermina, Feb. 12. 1862

X s.n. - Fissidens leptopus Card. At base of palms, San Jose, Oct. 20. 1862

s.n. - Fissidens similiretis Sull. Guajaibos, Nov. 4. [Guajaba ?] 1862, 63 ✓

s.n. - Fissidens similiretis Sull. On trees in woods, Monte Verde, Nov. 18. 1861

s.n. - Fissidens similiretis Sull. Among the adventitious roots at the base of palms, Farallones, San José, Aug. 2. 1862

s.n. - Fissidens similiretis Sull. On banks of rivulets, Retiro, March 21. 1864

s.n. - Haplocladium microphyllum (Hedw.) Broth. On earth, N. Sophie, Nov. 22. 1859, 61 ✓

s.n. - Haplocladium microphyllum (Hedw.) Broth. On bushes, N. Sophie, Nov. 22. 1859, 61 ✓

s.n. - Helicophyllum torquatum (Hook.) Brid. On cliffs, Vueltabajo, Nov. 1. ?

s.n. - Hookeriopsis incurva (Hook. & Grev.) Broth. No data. —

s.n. - Hookeriopsis incurva (Hook. & Grev.) Broth. No data. —

s.n. - Hypnella cymbifolia (Hampe) Jaeg. On rotten logs in the pinal, Monte Verde, March 3. 1859, 60, 61 ✓

s.n. - Hypnella cymbifolia (Hampe) Jaeg. On rotten logs in woods, Monte Verde, Nov. 18. 1861

s.n. - Hypopterygium tamariscium (Hedw.) Brid. On rocks, Loma del Gato, Dec. 11. 1859, 60 ✓

s.n. - Leptodictyum riparium (Hedw.) Warnst. On stones in springs, Luis Lazo, Jan. 6. 1863, 64 ✓

s.n. - Leptodictyum riparium (Hedw.) Warnst. On banks (masonry) of conduits leading water to the pulp mill, Monte Verde, March 8. 1859, 60, 61 ✓

s.n. - Lepyrodontopsis trichophylla (Hedw.) Broth. On palms (sine fruct.) Monte Verde, Feb. 28. 1859, 60, 61 ✓

s.n. - Meteoriopsis patula (Hedw.) Broth. On bushes, roadside, Bayamo, Dec. 16. 1861

s.n. - Mittenothamnium diminutivum (Hampe) Britt. & Taxithelium planum (Brid.) Mitt. On stones, edge of Savana - Hato del Medio, Aug. 23. ?

s.n. - Neckeropsis disticha (Hedw.) Kindb. On bushes in woods, Monte Verde, March 12. 1859, 60, 61 ✓

s.n. - Neckeropsis undulata (Hedw.) Reich. Monte Verde, Jan. 31. 1859, 61 ✓

s.n. - Neckeropsis undulata (Hedw.) Reich. On bushes in woods, Monte Verde, Feb. 28. 1859, 60, 61 ✓

s.n. - Neckeropsis undulata (Hedw.) Reich. Hanabana, March 14. ?

s.n. - Neckeropsis undulata (Hedw.) Reich. On tree, near the ground, in woods, Retiro, April 10. 1864

s.n. - Neckeropsis undulata (Hedw.) Reich. No data.—

s.n. - Neckeropsis undulata (Hedw.) Reich. Roadside, Bayamo, Dec. 13. 1861

s.n. - Neckeropsis undulata (Hedw.) Reich. At the base of palm, Punta de la Gordo [Grande ?], Dec. 22. ?

s.n. - Octoblepharum albidum Hedw. At base of palms in pinales, Hato Quemado, Nov. 20. ?

s.n. - Octoblepharum albidum Hedw. On trees, Loma de Rungal, Oct. 14. ?
Rangel ?

s.n. - Octoblepharum albidum Hedw. At the base of palms, Hato Quemado, Nov. 21. ?

s.n. - Octoblepharum albidum Hedw. No data. —

s.n. - Octoblepharum albidum Hedw. Monte Verde, March 17. 1859, 60 ✓

s.n. - Octoblepharum albidum Hedw. Monte Verde, Feb. 6. 1859, 60, 61 ✓

s.n. - Pinnatella jamaicensis Bartr. with flagelliform branches in leaf axils. "mixed with No. 144. Vide there some more" —

s.n. - Pirella cymbifolia (Sull.) Card. "was mixed with Thuidium. Monte Verde, July 26". 1859, 60, 61 ✓

s.n. - Phyllogonium fulgens (Hedw.) Brid. On trunks of trees, Monte Verde, March 24. 1859, 60 ✓

s.n. - Phyllogonium fulgens (Hedw.) Brid. No data. —

s.n. - Pseudocryphaea flagellifera (Brid.) Britt. On bushes, roadside, Bayamo, Dec. 16. 1861

s.n. - Pseudocryphaea flagellifera (Brid.) Britt. On bushes, roadside, Bayamo, Dec. 16. 1861

s.n. - Rhizogonium spiniforme (Hedw.) Bruch. On logs, Los Hondones, Valparaiso, Oct. 8. 1861

s.n. - Schlotheimia torquata (Hedw.) Brid. Monte Verde, March 17. 1859, 60 ✓

s.n. - Schlotheimia torquata (Hedw.) Brid. On trees in dense patches, Monte Verde, March 24. 1859, 60 ✓

s.n. - Sematophyllum caespitosum (Hedw.) Mitt. On bushes, margin of river, San Sebastian Lagunillas, Dec. 16. ?
Langvanillas ?

s.n. - Sematophyllum caespitosum (Hedw.) Mitt. No data. —

s.n. - Sematophyllum sericifolium Mitt. On logs, San Andrés, March 29. ?

s.n. - Sematophyllum sericifolium var. leonii Ther. ? No data. —

s.n. - Sematophyllum lamprophyllum Mitt. On rotting logs, Monte Verde, Nov. 18. 1861

s.n. - Sphagnum erythrocalyx Hampe ex C.M. On earth banks [?] (wet), Hato Quemadom Nov. 20. ?

s.n. - Sphagnum erythrocalyx Hampe ex C.M. On tembladeras, a sort of floating island of peat-like materials, in lagunas, Las Almacigas, Nov. 23. ?

s.n. - Stereophyllum radiculosum (Hook.) Mitt. No data. —

s.n. - Stereophyllum radiculosum (Hook.) Mitt. On logs, roadside, Salladero, Cuba, Nov. 21. 1859, 61 ✓ Salladero?

s.n. - Stereophyllum radiculosum (Hook.) Mitt. On logs, Bermejales, Jurisdición San Cristóbal, Oct. 9. 1862, 63 ✓

s.n. - Stereophyllum radiculosum (Hook.) Mitt. On trees, San José, Oct. 20. 1862

s.n. - Stereophyllum radiculosum (Hook.) Mitt. On rotten wood, Potrero San Andrews, Oct. 18. ?

s.n. - Stereophyllum radiculosum (Hook.) Mitt. At the base of palms, San José, Oct. 16. 1862

s.n. - Stereophyllum radiculosum (Hook.) Mitt. On logs, Loma de Rangel, Oct. 14. 1862, 63 ✓

s.n. - Stereophyllum radiculosum (Hook.) Mitt. On logs, Loma de Rangel, Oct. 14. 1862, 63 ✓

s.n. - Thuidium urceolatum Lor. On rocks and stones, Rangel, Oct. 2. → 18 1862, 63 ✓

s.n. - Thuidium urceolatum Lor. In dense woods, Potosi, Monte Toro, Oct. 11. 1859, 60, 61 ✓

s.n. - Thuidium urceolatum Lor. Farallones, Potosi, Monte Toro, Oct. 11. 1859, 60, 61 ✓

s.n. - Tremalodon longicollis Mx. On banks, roadside, Sagua, M. Toro, April 8. 1859, 60, 61 ✓

s.n. - Trichosteleum sentosum (Sull.) Jaeg. No data. —

s.n. - Vesicularia crassicaulis (Mitt.) Broth. On rotten logs in woods, Oct. 2. ?

s.n. - Vesicularia crassicaulis (Mitt.) Broth. On rotten logs in woods, Monte Verde, Aug. 24. 1859, 61 ✓

s.n. - Vesicularia crassicaulis (Mitt.) Broth. & V. vesicularis (Schw.) Broth. On rocks at base of Farallones, Viñales, Jan. 30. 1863, 64 ✓

s.n. - Vesicularia vesicularis (Schw.) Broth. On rocks, Viñales, Jan. 24. 1863, 64 ✓

s.n. - Vesicularia vesicularis (Schw.) Broth. No data. —

s.n. - Vesicularia vesicularis (Schwaegr.) Broth. & Ectropothecium apiculatum (Hornsch.) Mitt. On logs, Bermejales, Jurisdición San Cristóbal, Oct. 9. 1862, 63

s.n. - Vesicularia crassicaulis (Schw.) Broth. & Mittenothamnium reptans (Hedw.) Card. Monte Libano, Sept. 27. 1859, 60, 61

s.n. - Vesicularia vesicularis (Schwaegr.) Broth. On logs, Viñales, Jan. 27. 1863, 64

s.n. - Vesicularia vesicularis (Schwaegr.) Broth. No data.

s.n. - Vesicularia vesicularis (Schwaegr.) Broth. On rotting logs, Los Hondones (Valparaiso), Oct. 4. 1861

Charles Wright's 2nd. Cuban collections; date unknown. 30 Nov. 1858 – 28 July 1864

2 - Dicranella herminieri Besch. On banks, Vega Sta. Catalina, Vueltabajo, tobacco district Nov. 21, 18--. ?

3 - Dicranella herminieri Besch. On banks, Pinales, Jurisdic. Bahía Honda, Nov. 15. 1862, 1863 ✓

4 - Dicranella herminieri Besch. On banks, Herradura, Nov. 18. 1862

5 - Dicranella hilariana Mont. On banks, Viñales, Jan. 26. 1863, 1864 ✓

6 - Dicranella subinclinata Lor. (spores papillose, 19 μ). Banks of creek, Viñales, Feb. 5. 1863

7 - Dicranella herminieri Besch. On banks by roadside, Pinar del Río, Dec. 2. 1862

8 - Dicranella herminieri Besch. On earth in roads, Pinar del Río, Viñales, Jan. 23. 63, 64 ✓

~~9~~ - Dicranella subinclinata Lor. (spores 19-21 μ). On banks, La Palma (vega), Retiro (4 Dec. 1866) Jurisdic. [?] San Cristóbal, Mar. [?] 29. 1864

10 - Dicranella harrisii (C.M.) Broth. On banks, Rangel, March 22. 1863, 1864 ✓

11 - Dicranella hilariana Mont. (spores 14 μ). No data.

12 - Luisierella barbula (Schwaegr.) Steere. On rocks along rivulets, M. V., Nov. 18. 1861

13 - Hymenostomum cubense (Hampe) Par. On earth, roadside, Bayamo, Dec. 16. 61

13 - Brachymenium macrocarpum Card. On sticks, mountain top, Ysabel Maria, March 17.

14 - Fissidens polypodioides Hedw. On banks, Loma del Gato. Dec. 11. 1860, 61 ✓

15 - Fissidens muriculatus Spruce ex Mitt. On trees, Los Hondones, Valparaiso, Oct. 8. 1861

16 - Fissidens muriculatus Spruce ex Mitt. On the lower side of leaning trees, Monte Libano, Sept. 28. 1861

17 - Fissidens muriculatus Spruce ex Mitt. On slender trees or bushes, Los Hondones (Valparaiso), Oct. 4. 1861

18 - Fissidens muriculatus Spruce ex Mitt. On slender trees or bushes, Los Hondones, (Valparaiso), Oct. 4. 1861

19 - Fissidens garberi L. & J. At base of tree, Bayamo - Las Tunas, near Canto, Dec. 20. 1861

20 - Fissidens mollis Mitt. & F. kegelianus C. M. In edge of thickets on little hard lumps of dry earth covered with leaves, P. Principe - S. Spíritu, Dec. 1861

21 - Fissidens similiretis Sull. On earth, mts. of Luis Lazo [?], Jan. 5. 1864

22 - Fissidens kegelianus C.M. On earth, hills, San José, Oct. 16. 1862

23 - Fissidens kegelianus C.M. On earth in roads passing through woods, Fermina, Feb. 12. 1862

24 - Fissidens dissitifolius Sull. & F. kegelianus C.M. Wet ground near rivulets, Aguacate, Bayamo, Dec. 15. 1861

25 - Fissidens kegelianus C.M. On earth in woods, San José, Oct. 16. 1862

26

27 - Fissidens garberi L. & J. In sticks Río Sta. Cruz, Oct. 16. 1862, 1863 ✓

28 - Fissidens garberi L. & J. On earth, hillsides, San José, Oct. 16. 1862

29 - Fissidens mollis Mitt. On earth in woods, M. V., July 22. 1859, 60, 61 ✓

30 - Fissidens dissitifolius Sull. On hard earth in paths, M. V., Aug. 18. 1859, 61 ✓

31 - Fissidens angustifolius Sull. In low woods, Toscano, Jurisdic. Bahía Honda, Oct. 25. 1863

32 - Fissidens angustifolius C.M. On earth in paths, Sitio Nuevo, Dec. 4. 1862, 1863 ✓

33 - Fissidens similiretis Sull. On roots, Retiro, Feb. 20. 1864

34 - Fissidens similiretis Sull. Guajaibon, Nov. 16. [Guajaba ?] 1862, 63 ✓

35 - Fissidens kegelianus C.M. Retiro, Oct. 16. 1863

36 - Fissidens similiretis Sull. On earth, summit of Mts., Luis Lazo, Jan. 5. 1864

37 - Fissidens leptopus Card. On banks, Retiro, March 22. 1864

38 - Fissidens leptopus Card. On rocks in woods, M. V., March 1. 1859, 1860, 1861 ✓

39 - Fissidens garberi L. & J. On stones, M. V., Aug. 24. 1859

40 - Fissidens kegelianus C.M. Sitio Nuevo, Dec. 3. 1862, 1863 ✓

42 - Fissidens kegelianus C.M. No data.

43 - Fissidens leptopus Card. No data.

44 - Fissidens elegans Brid. Banks of creek, Vinales Feb. 5. 1863

45 - Fissidens ravenelii ? Sull. Yabunal, Partido de Pinar Consolación, Nov. 18. 1862

46 - Fissidens ravenelii Sull. ? On stumps of palms, Sta. Catalina, Jurisdic. San Cristóbal, Nov. 5. 1862

47 - Fissidens leptopus Card. & F. similiretis Sull. On rocky banks of rivulets etc., in shade, Monte Verde, Nov. 18. 1861

48 - Fissidens angustifolius Sull. On earth, San José, Sept. 4. 1862

49 - Fissidens kegelianus C.M. Sitio Nuevo, Jurisdic. Guanes, Dec. 26. 1863

50 - Fissidens radicans Mont. At base of trees, Punta de la Gorda [?], Jurisdicion Guanes, Dec. 24. 1863

51 - (over)

52 - Fissidens kegelianus C.M. On earth, Ingenio Esperanza near Pinar del Rio, Dec. 5. 1862

53 - Fissidens cuspidulatus Sull. On banks, Yabunal Vega near Consolación, Dec. 1. 1862

54 - Fissidens leptopus Card. On banks in woods, Vueltabajo, Nov. 1. ?

55 - Fissidens radicans Mont. On roots and sticks, Guajaiboa, Nov. 4. 1862

56 - Fissidens kegelianus C.M. Vinales, Jan. 30. 1863, 1864 ✓

57 - Fissidens kegelianus C.M. No data.

58 - (over)

59 - Fissidens palmatus Hedw. On earth, Loma de Rangel, Sept. 21. 1862, 1863 ✓

60 - Fissidens angustifolius Sull. & F. reticulosus (C.M.) Mitt. On earth in woods, Santa Cruz, Aug. 19. 1862, 1863 ✓

61 - Fissidens kegelianus C.M. No data.

62 - Fissidens ravenelii Sull. On stones in woods, La Catalina, Sept. 11. 1859, 1861 ✓

63 - Fissidens donnellii Aust. San Jose, Jan. 8. 1863

64 - Fissidens cuspidatulus Sull. On clayey soil in paths, M. V., Feb. 28. 1859, 1860, 1861 ✓

65 - Fissidens garberi L. & J. On bank of trees at the base, Loma de Rangel, Oct. 14. 1862, 1863 ✓

66 - Fissidens angustifolius Sull. On earth, Loma de Rangel, Oct. 14. 1862, 63 ✓

67 - Fissidens garberi L. & J. ? On stones, Loma de Rangel, Oct. 14. 1862, 63 ✓

51 - Fissidens neglectus Crum. On rocks along rivulets, Lagunillas, Jurisdición Pinar del Río, Dec. 14. 1862

58 - Fissidens reticulosus (C.M.) Mitt. & F. angustifolius Sull. On earth, Loma de Rangel, Sept. 21. 1862, 18

68 - Fissidens garberi Lesq. & James. On bushes, low woods near the sea, Bahia Honda, Nov. 11. 1862

69 - Fissidens angustifolius Sull. On banks, Retiro, Sept. 25 1863

70 - Funaria calvescens Schwaegr. On banks, Filantropia, Dec. 7.

71 - Trematodon longicollis Mx. On banks of creek, Los Cayos, March 9. ?

72 - Trichostomum jamaicense (Mitt.) Jaeg. Sumidon [?], June [?]9. ?

73 - Trichostomum jamaicense (Mitt.) Jaeg. On earth, woods in the mountains, San José, Jurisdic. San Cristóbal, March 5.

74 - Trichostomum jamaicense (Mitt.) Jaeg. On rocks along rivulet, Reli -- [?], April [?] 12.

75 - Barbula agraria Hedw. On walls Bayamo, Dec. 19. 1861

76 - Barbula agraria Hedw. On stone, Petin [?] Oct. 6 [Retiro ?] 1862, 186

77 - Barbula agraria Hedw. On stones, P. Principe, Espiritu Santo, Jan. 1. 1862

78 - Desmatodon sprengelii (Schwaegr.) Williams. No data. Collection substituted for 79 Nov 19, 1862

79 - Desmatodon sprengelii (Schwaegr.) Williams. Yabunal [?], Partido de Consolación, Nov. 19. 1862

79 - Syrrhopodon floridanus Sull. On palms, Vueltabajo, Oct. 27. ?

80 - Barbula agraria Hedw. On stones, Loma de Rungal [?], June 17. ?

81 - Barbula agraria Hedw. On rock, Punta de la Zaulo [?], Jurisdicion Guanes, Dec. 24. 1862, 1863

82 - Barbula subulifolia Sull. On banks along the river Palinqui "Cuba Wright 1861".

83 - Barbula agraria Hedw. On rock, Sitio Nuevo, Punta de Jaula [?], Dec. 186

84 - Leucoloma albulum (Sull.) Jaeg. On rotting logs in woods, M. V., Nov. 18. 186

85 - Leucoloma albulum (Sull.) Jaeg. On logs, Potosí, Monte Toro, Oct. 15. 186

86 - Entosthodon bonplandii (Hook.) Mitt. Campylopus fragilis (Turn.) Mitt., Fissidens pellucidus Hornsch. Loma del Gato, Dec. 5.

87 - (duplication in numbers) Campylopus cubensis Sull. Forming dense patches around old stumps, Pinàl, Mo. V. Mar. 2.

88 - Campylopus cubensis Sull. Near Savanas on the river Castro near Sagua de Tánamo, April 3. 1861

88 - Erpodium domingense (Spreng.) C.M. On the underside of leaning trees, Bayamo, Oct. 12.

88 - Erpodium domingense (Spreng.) C.M. On tree, Loma de Rangel, July 15. 1862

89 - Holomitrium wrightii Sull. On logs, Guajaibos, Nov. 16. 18

89 - (another collection) Holomitrium wrightii Sull. On trees in thick woods, M. V., March 13. 1859 186

90 - Holomitrium marginatum Mitt. Cuba.

91a- Leucoloma albulum (Sull.) Jaeg. On dead wood, M. V., Feb. 28 1859

91 - Leucoloma albulum (Sull.) Jaeg. On palm, Arroyo Ventecinco, Jurisdic., San Cristóbal, Apr. 21. 1862.

93 - Syrrhopodon quadichaudii Mont. No data. — Same substrates etc as #94

94 - Syrrhopodon ~~guadichaudii~~ gaudichaudii Mont. On trees, Monte Verde, Nov. 18. 1861

95 - Syrrhopodon incompletus Schwaegr. On palms, Monte Verde, March 9.

96 - Syrrhopodon imcompletus Schwaegr. On palms in woods, Monte Verde, March 13.

97 - Syrrhopodon floridanus Sull. On palms near the ground, Vega Yabrunal [?] near Consolación, Dec. 1. 1862

98 - Syrrhopodon floridanus Sull. At base of palms, Sitio Nuevo. Dec. 26. 1862

99 - Syrrhopodon floridanus Sull. On palms, Retiro, March 21.

100 - Syrrhopodon floridanus Sull. On palms near the ground, Vega Yabrunal ? , near Consolacion, Dec. 1. 1862

101 - Syrrhopodon floridanus Sull. On palms, Princip. [?] - S. Spíritus [?], Dec. 27. 186

102 - Syrrhopodon floridanus Sull. On trees, Bayamo, Las Tunas, Dec. 21. 1861

104 - Syrrhopodon incompletus Schwaegr. On palms, Loma de los Organos, Oct. 3.

105 - Groutiella mucronifolia (Hook. & Grev.) Crum & Steere. On palms, Loma de Rangel, June 17. 1862, 1863, 18

106 - Macromitrium cirrosum (Hedw.) Brid. forma. On trees in woods, Monte Verde, March 22. 18

107 - Macromitrium cirrosum (Hedw.) Brid. Monte Verde. Sept. 2. 1859,

108 - Groutiella apiculata (Hook.) Crum & Steere. No data.

109 - Groutiella rugosa (Grout) Crum & Steere. On palms, Monte Verde, March 22.

110 - Schlotheimia rugifolia (Hook.) Schwaegr. On trees, Sagua Vueltabajo, Nov. 3.

111 - Schlotheimia rugifolia (Hook.) Schwaegr. Monte Verde, March 27. 1859, 18

112 - Groutiella apiculata (Hook.) Crum & Steere. On branches of trees in woods, Monte Verde, March 15. 1859

113 - Philonotis glaucescens (Hornsch.) Par. On wet rocks along the River Taco Taco, Retiro, March 27. 1864

114 - Philonotis glaucescens (Hornsch.) Par. On banks, Cuchillas de Baracoa, June 20. 1860, 1861

115 - Philonotis glaucescens (Hornsch.) Par. On banks, Bayamo, Dec. 19. 1861

116 - Philonotis sphaericarpa (Hedw.) Brid. No data.

117 - Sematophyllum lamprophyllum Mitt. & S. insularum (Sull.) Mitt. No data.

117 - Pogonatum pensilvanicum (Hedw.) Par. On banks, Viñales, Jan. 26. 1863,

118 - Pogonatum pensilvanicum (Hedw.) Par. On banks, Luis Lazo, Jan. 6. 1864

118 - Sematophyllum lamprophyllum Mitt. & S. insularum (Sull.) Mitt. On logs in woods, Monte Verde, March 9. 1859

119 - Fissidens dissitifolius Sull. On wet banks, N. Sophia, Nov. 22.

119 - Fissidens dissitifolius Sull. On wet banks, N. Sophia, Nov. 22.

119 - Sematophyllum lamprophyllum Mitt. On rotten logs in the pinal, Monte Verde, March 3. 1859, 60

120 - Trichostomum jamaicense (Mitt.) Jaeg. On stones, N. Sophia, Nov. 22.

120 - Sematophyllum lamprophyllum Mitt. On logs in woods, Monte Verde, Nov. 18.

120 - Bryum coronatum Schwaegr. On burnt earth, Farallones, Potrero San Andrés, Oct. 18.

121 - Hyophila tortula (Schwaegr.) Hampe. On Stones, Saladin [?] [Salado ?] Cuba, Nov. 21.

121 - Sematophyllum lamprophyllum Mitt. No Data.

123 Mitrocottinium [illegible] (Hanna) Bik

On [illegible] roadside Corvallis Dec 15

123 Bulula cruegeri, Sand On stones and banks, N. Santiam Nov. 22, 1900

Thirdly envelope listed as 129 is really 179 (error made in designating the collection)

122 - Tortula mniifolia (Sull.) Mitt. On damp banks, N. Sophie, Nov. 22.

125 - Entosthodon bonplandii (Brid.) Mitt. On rocks in river, San Sebastian Lagunillas, Dec. 16. ?

125 - Hyophila tortula (Schw.) Hampe. On stones, N. Sophie, Nov. 22. 1859

125 - Sematophyllum sericifolium Mitt. On trees, San José, Oct. 20.

* 124 pm

126 - Philonotis sphaericarpa (H.) Brid. No data.

126 - Sematophyllum sericifolium Mitt. On logs, Las Tunas - P. Principe, Dec. 23. 1861

127 - Isopterygium micans (Swartz) Broth. On logs in swamps, Sitio Nuevo, Jurisdic. Nueva Felipina, Dec. 16. 1862 1863

127 - Bryum coronatum Schwaegr. On ground that has been burned, Potrero San Andrés, Oct. 29.

128 - Bryum coronatum Schwaegr. On walls of masonry, Ingenio Esperanza near Pinar del Río, Dec. 3.

128 - Stereophyllum radiculosum (Hook.) Mitt. On trees, P. Principe - Espíritu Santo, Dec. 27. 1861

129 - Bryum coronatum Schwaegr. On banks, Retiro, Sept. 4.

129 - Sematophyllum sericifolium Mitt. On logs, Las Tunas - P. Principe, Dec. 13. 1861

129 - Thuidium involvens (Hedw.) Mitt. On trees at the base, San José, Oct. 16. 1862

130 - Sematophyllum galipense (C.M.) Mitt. On bushes at the roots, Bayamo - Las Tunas, Dec. 21. 1861

131 - Bryum sawyeri Ren. & Card. On rocks beside rivulets, Monte Verde, Feb. 28. 1859

131 - Taxithelium planum (Brid.) Mitt. & Isopterygium tenerum (Sw.) Mitt. At base of palms, Los Remates - La Grifa, Jurisdic. Nueva Felipina, Dec. 21. 1862

132 - Bryum sawyeri Ren. & Card. On rotten logs, Monte Verde, May 28.

133 - Bryum sawyeri Ren. & Card. On old logs, Monte Verde, April 2.

134 - Bryum sawyeri Ren. & Card. On logs, Las Tunas - P. Principe, Dec. 23.

123 Barbula unguiculata 11/22/60

124 Steraophyllum cultellaforme (Sull) Mitt
+ Mittenothamnium deminutiva Kiaer / Rich
Roosevelt Dec 15 Bayano

124 Trichostomum canaliculatum
On Stone, North Sopka Dec 22
det E.B. Bartram

136 - Bryum sawyeri Ren. & Card. North bank of the crater, E. Maui, Sandwich I. Date dubious; discard.

137 - Bryum sawyeri Ren. & Card. On logs, San Andrés, March 29. 1859,60,61

138 - Bryum sawyeri Ren. & Card. At base of trees, Pinito de la Jaula, Jurisdic. Guanes, Dec. 25. 1862,63

139 - Bryum sp. (sterile). On rocks, San José, Sept. 5. 186

140 - Bryum sp. (sterile). On ground that has been burned, Farallones Potrero San Andres, Oct. 27. 1860

140 - Sematophyllum admistum (Sull.) Mitt. On trees, Bermejales, Jurisdición de San Cristóbal, Oct. 9. 1862,63

141 - Helicodontium capillare (Hedw.) Jaeg. Roadside, Bayamo, Dec. 15. 1861

142 - Helicodontium capillare (Hedw.) Jaeg. On trees, Loma de Rangel, Oct. 14.

143 - Sematophyllum caespitosum (Hedw.) Mitt. On Ginoria along rivulets, Arroyo Veintecinco, March 29. ?

144 - Austinia tenuinervis (Mitt.) C.M. & Pinnatella minuta (Mitt.) Broth. [Clasmatodon trichelyma Sull. m.s.] On vines in woods, Monte Verde, Feb. 28. 1859,60,61

145 - Thuidium schistocalyx (C.M.) Mitt. No data.

146 - Helicodontium capillare (Hedw.) Jaeg. At the base of palms, woods, San José, Oct. 16. 1862

147 - Helicodontium capillare (Hedw.) Jaeg. Monte Libano, Sept. 27. 18

148 - Helicodontium capillare (Hedw.) Jaeg. On bushes in bed of Río Santa Cruz, Oct. 16.

150 - Acrocryphaea gardneri (Mitt.) Jaeg. Collected promiscuously from coffee trees in the field, Monte Verde, Feb. 27, 1860 ! !!!

151 - Cryphaea filiformis (Sw.) Brid. & Acrocryphaea gardneri (Mitt.) Jaeg. On bushes, Bayamo - Las Tunas near Canto, Dec. 20. 1861

153 - Entodon macropus (Hedw.) C.M. Monte Libano, March 6.

154 - Entodon macropus (Hedw.) C.M. On logs, Monte Verde, Jan. 7.

155 - Sematophyllum sericifolium Mitt. On logs, Bermejales, Jurisdición San Cristóbal, Oct. 9. 1862, 63

155 - Entodon macropus (Hedw.) C.M. & Mittenothamnium reptans (Hedw.) Card. On dead wood, Monte Verde, Feb. 28. 1861, 60, 59

156 - Entodon macropus (Hedw.) C.M. & Neckeropsis undulata (Hedw.) Reich. On rotting stumps, Los Hondones (Valparaiso), Oct. 4. 1861

156 - Mittenothamnium diminutivum (Hampe) Britt. & Thuidium involvens (Hedw.) Mitt. No data.

157 - Isopterygium subtenerrimum (Hampe) Par. ? On logs, Loma de Rangel, Oct. 14.

158 - Helicodontium capillare (Hedw.) Jaeg. & Acrocryphaea. On coffee trees, Monte Verde, Feb. 27.

158 - Neckeropsis disticha (Hedw.) Kindb. On palms, La Grifa, Jurisdic. Nueva Felipina, Dec. 23. 1863

159 - Pilotrichum bipinnatum (Schw.) Brid. On trees, Potosí, Monte Toro, Oct. 10.

159 - Sematophyllum galipense (C.M.) Mitt. On rocks in rivulets, Ysabel María, Jan. 7. ?

~~160~~ - Orthostichopsis tetragona (Hedw.) Broth. No data.
160 - (over)
161 - Papillaria nigrescens (Hedw.) Jaeg. No data.

162 - Lepidopilum polytrichoides (Hedw.) Brid. Yunque de Baracoa, June 2.

~~164~~ - Lepidopilum muelleri (Hampe) Mitt. On bushes in dense woods, Potosi Monte Toro, Oct. 13. 1859

165 - Cyclodictyon varians (Sull.) Broth. — on rocks [illegible] Monte Toro

166 - Hookeriopsis incurva (Hook. & Grev.) Broth. On rotten logs in woods, May 1 Valparaiso, Oct. 2.

167 - Hookeriopsis incurva (Hook. & Grev.) Broth. On rotten logs in low woods, Valparaiso, Oct. 2.

168 - Callicostella depressa (Hedw.) Jaeg. On rocks in rivulets, Jurisdicion Pinar del Río, Dec. 14.

160 - Isopterygium n. sp. ? On "tembladeras" (floating islands) in lagunas at the base of tall grasses, Cyperaceae etc., San Mateo near Pinar del Rio, Dec. 8. 186

Also

On tembladeras in lagunas, Asienti Viejo de San Julian, Nov. 30.

169 - Callicostella depressa (Hedw.) Jaeg. On logs in swamps, Sitio Nuevo, Jurisdic. Nueva Filipina, Dec. 16. 1862

170 - Rhynchostegiopsis flexuosa (Sull.) C.M. On rotten logs, Potosí, Monte Toro, Oct. 10. 1859, 60, 61

171 - Cyclodictyon varians (Sull.) Broth. Loma de Rangel, Oct. 14.
172 - (over)
173 - Rhynchostegiopsis flexuosa (Sull.) C.M. On rotten logs, Potosí Monte Toro, Oct. 10.

174 - Cyclodictyon varians (Sull.) Broth. Callicostella depressa (Hedw.) Jaeg., Ectropothecium, Thuidium. Monte Verde, July 20. 1859, 60, 61

174 - Helicodontium capillare (Hedw.) Jaeg. No data.

175 - Callicostella depressa (Hedw.) Jaeg. On rocks beside rivulets, Monte Verde, Nov. 18. 1861

175 - Thuidium involvens (Hedw.) Mitt. On trees at the base, San José, Oct. 16. 1862

176 - Lepidopilum cubense (Sull.) Mitt. On bushes, Loma de Rangel, July 10.

177 - Thuidium schistocalyx (C.M.) Mitt. On trees at base, P. Principe - S. Espíritu, Jan. 1. 1862

178 - Thuidium minutulum (Hedw.) BSG. On logs, Retiro, March 22.
* - For 177 see Thuidium involvens # 175 in doubt
180 - Thuidium involvens (Hedw.) Mitt. No data.

181 - Thuidium minutulum (Hedw.) BSG. On rotting stump in field, Monte Verde, Feb. 27.

182 - Thuidium minutulum (Hedw.) BSG. On rotten log, Monte Verde, Aug. 20.

183 - Thuidium schistocalyx (C.M.) Mitt. & Anomodon attenuatus (Hedw.) Hueb. On stones at base of farallon, Vinales, Jan. 30. 1862

184 - Thuidium schistocalyx (C.M.) Mitt. Monte Verde, July 20. 1859, 60

185 - Thuidium urceolatum Lor. No data
186 see # 510. Rangel Oct. 1862, 63
187 - Ectropothecium apiculatum (Hornsch.) Mitt. On logs, Bermejales, Jurisdicion San Cristóbal, Oct. 9.

188 - Ectropothecium apiculatum (Hornsch.) Mitt. On logs, Rangel, Aug. 7.

172 - Callicostella n. sp.? Loma de los Organos, Oct. 3. 1862,63 (?)
The dioicous inflorescence, smooth costa, smooth seta, and ± elongate cells seem distinctive, in combination.

188 - Stereophyllum radiculosum (Hook.) Mitt. & Calymperes donnellii Aust. At the base of palms, San José, Oct. 16. 1862

189 - Ectropothecium apiculatum (Hornsch.) Mitt. On rotten logs in woods, Valparaiso, Oct. 2. 1859, 61 ✓

190 - Ectropothecium apiculatum (Hornsch.) Mitt. On logs, Loma de Rangel, Oct. 14. 1862, 63 ✓

190 - Taxithelium planum (Brid.) Mitt. On rotten stumps, Los Hondones (Valparaíso), Oct. 4. 186[illegible]

191 - Ectropothecium apiculatum (Hornsch.) Mitt. On rocks at base of paredores, Viñales, Jan. 30. [illegible] ✓

191 - Taxithelium planum (Brid.) Mitt. & Isopterygium subtenerrimum (Hampe) Par. On logs, San José, Oct. 20. 18[illegible]

192 - Ectropothecium apiculatum (Hornsch.) Mitt. On rotten logs, Monte Verde, Aug. 26. [illegible]

192 - Stereophyllum radiculosum (Hook.) Mitt. & Taxithelium planum (Brid.) Mitt. On old logs in woods, Fuabequi [?], Nov. 9. ?

193 - Helicodontium capillare (Hedw.) Jaeg. On trees, San José, Oct. 20. [illegible]

193 - Taxithelium planum (Brid.) Mitt. On bushes, Monte Verde, Nov. 18. [illegible]

194 - Ectropothecium apiculatum (Hornsch.) Mitt. On banks, Sagua (Vega), Nov. 9. ?

194 - Stereophyllum leucostegum (Brid.) Mitt. On logs, Santa Cruz, Aug. 19. 186[illegible]

195 - Ectropothecium apiculatum (Hornsch.) Mitt. On logs, Guajaybon, Sept. 18. 186[illegible]

195 - Trichosteleum sentosum (Sull.) Jaeg. On rotten logs in woods, Monte Verde, Nov. 18. [illegible]

196 - Acroporium jamaicense Crum & Bartr. & Trichosteleum sentosum (Sull.) Jaeg. On rotten logs, Yunque de Baracoa, June 11. [illegible]

196 - Ectropothecium apiculatum (Hornsch.) Mitt. On stones, San Diego de los Baños, Sept. 10. 1862 [illegible]

197 - Sematophyllum galipense (C.M.) Mitt. On stones, San Juan de Buevavista, Nov. 24. 1860

198 - Sematophyllum galipense (C.M.) Mitt. ? No data

199 - Sematophyllum galipense (C.M.) Mitt. La Guinea, Dec. 10. 1859, 60, 61

201 - Sematophyllum sericifolium Mitt. No data.

203 - Mittenothamnium reptans (Hedw.) Card. Monte Libano [?], Sept. 28

204 - Vesicularia amphibola (Spruce ex Mitt.) Broth. ? No data.

205 - Rhaphidorrhynchium subsimplex (Hedw.) Broth. On logs, Loma de Rangel, July 10. 1862 63

205 - Sematophyllum admistum (Sull.) Mitt. & Isopterygium tenerum (Sw.) Mitt. On rotten logs in woods, Potrero San Andrés, 4 leagues from Bayamo, Oct. 22. 186

206 - Isopterygium tenerum (Sw.) Mitt. At base of palms, Ingenio Esperanza near Pinar del Rio, Dec. 6. 1862

206 - Sematophyllum caespitosum (Hedw.) Mitt. forma - On trees, margin of river, Santa Cruz, Sept. 5. 186

207 - Sematophyllum sericifolium Mitt. No data.

208 - Mittenothamnium diminutivum (Hampe) Britton. On logs, Bermejales, Jurisdicion San Cristobal, Oct. 9. 186

209 - Mittenothamnium reptans (Hedw.) Card. On rocks beside rivulets, Monte Verde, Nov. 18. 1861

210 - Isopterygium subtenerrimum (Hampe) Par. On palm, Monte Verde, Aug. 26. 1859, 61

210 - Mittenothamnium reptans (Hedw.) Card. No data.

211 - Stereophyllum radiculosum (Hook.) Mitt. & Mittenothamnium diminutivum (Hpe.) Britt. On logs in woods, Potrero San Andrés, Oct. 29.

212 - Isopterygium subtenerrimum (Hampe) Par. On logs, Monte Verde, Aug. 26. 1859

213 - Mittenothamnium reptans (Hedw.) Card. On trunks of slender trees, Monte Verde, March 20. 1859, 60

214 - Mittenothamnium reptans (Hedw.) Card. On branches of trees, Monte Verde, March 20. 1859

215 - Isopterygium subtenerrimum (Hampe) Par. On palms in woods, Monte Verde, Feb. 28. 1859, 60, 61 ✓

216 - Mittenothamnium reptans (Hedw.) Card. On trees, Los Hondones, Oct. 4. 1861

234 - Ectropothecium apiculatum (Hornsch.) Mitt. On logs, La Palma (Vega), Jurisdición San Cristóbal, Partido Palacios. 1862, 63 ?

235 - Ectropothecium apiculatum (Hornsch.) Mitt. On logs, Rangel, March 22. 1863,

236 - Sematophyllum sericifolium Mitt. On trees, Rio Taco Taco, March 24. 1863

237 - Isopterygium micans (Sw.) Broth. On logs in swamp, Sitio Nuevo, Jurisdic. Nueva Felipina, Dec. 16. 1862, 63 ✓

237 - Taxithelium planum (Brid.) Mitt. On stones, roadside, Bayamo, Cuba, Dec. 15.

238 - Taxithelium planum (Brid.) Mitt. & Mittenothamnium diminutivum (Hampe) Britt. On logs, roadside, Bayamo, Dec. 16. 1861

240 - Taxithelium planum (Brid.) Mitt. Around the base of palms, Mayarí-abajo, Aug. 2. 1860

241 - Haplocladium microphyllum (Hedw.) Broth. On stones, N. Sophie, Nov. 22. 18

242 - Sematophyllum admistum (Sull.) Mitt. On logs in woods at Cayo del Rey, Aug. 10. ? 1860 ?

243 - Mittenothamnium diminutivum (Hpe.) Britt. On stones beside creeks, Saltadero, Cuba, Nov. 21.

244 - Taxithelium planum (Brid.) Mitt. No data. —

245 - Sematophyllum sericifolium Mitt. On logs, Sitio Nuevo, Jurisdición Guanes, Dec. 26. 1862

246 - Microthecium wrightii (C.M.) Broth. (det. ex char.) On palms, Monte Verde, March 15. 1859

247 - Sematophyllum caespitosum (Hedw.) Mitt. forma. On tree, Potosí, Monte Toro, Oct. 14. 1859, 61 ✓

248 - Sematophyllum sericifolium Mitt. On bushes, Loma de Rangel, Oct. 14. 1862, 63 ✓

249 - Sematophyllum caespitosum (Hedw.) Mitt. & S. sericifolium Mitt. On old logs, Monte Verde, April 2. 1859, 60, 61 ✓

250 - Mittenothamnium cubense (C.M.) Card. (sensu Thériot, Mem. Soc. Cubana Hist. Nat. 15: 228) ? Monte Libano, March 7. 1861

251 - Mittenothamnium diminutivum (Hpe.) Britt. On logs, Monte Verde, Aug. 24.

252 - Stereophyllum leucostegum (Brid.) Mitt. On bushes, Retiro, July 15. 1863

253 - Sematophyllum sericifolium Mitt. On rotten logs, Loma de Rangel, June 17. 1862, 63

254 - Mittenothamnium diminutivum (Hampe) Britt. forma - Loma de Runjil, June 17. ?

261 - Sematophyllum caespitosum (Hedw.) Mitt. forma - On the upper twigs of tall trees, Monte Verde, March 20. 1859, 60

262 - Homaliodendron decompositum (Brid.) Wagner. Monte Verde, Nov. 18. 186

263 - Sematophyllum lamprophyllum Mitt. On rotting logs, Monte Verde, Nov. 18.

Wright's 3rd. Cuban Collection. 1867.

1 - Erpodium domingense (Spreng.) C.M. On trees in mangrove swamps, Toscano, April 10. 1866

2 - Dicranella harrisii (C.M.) Broth. No data. —

3 - Dicranella herminieri Besch. On banks of rivulets, Pinales, Pinardel Rio, Oct. 1865, 66

4 - Dicranella reticulata (C.M.) Paris & Entosthodon bonplandii (Hook.) Mitt. On rocks in the river, San Sebastian Lagunillas, J. Pinar del Río, Dec. 1865

5 - Dicranella hilariana (Mont.) Mitt. Banks, J. Pinar del Río, Dec.

6 - Dicranella subinclinata Lor. On banks, Viñales, [Jan. ?] 1866, 67

7 - Holomitrium wrightii Sull. (a form probably referable to H. maxonii Williams). On bushes, summit of mts., Vinales, Nov.

8 - Trichostomum jamaicense (Mitt.) Jaeg. On rocks along the river, San Sebastian Lagunillas, J. Pinar del Río, Dec.

9 - Ephemerum serratum (Hedw.) Hampe? No data. (no drawing.) —

10 - Entosthodon bonplandii (Hook.) Mitt. No data. —

11 - Entosthodon bonplandii (Hook.) Mitt. On rocks along the river, San Sebastian Lagunillas, J. Pinar del Río, Dec. 1865, 66

12 - Octoblepharum albidum Hedw. At the base of palms, Dayaniguas, Dec.

13 - Bryum coronatum Schwaegr. On the ground, hills, Balestena, Jan. 9.

14 - Syrrhopodon incompletus Schwaegr. On palms, Caiguanabo, Nov.

15 - Syrrhopodon incompletus Schwaegr. On trees, Monte Verde, Nov. 13.

16 - Syrrhopodon floridanus Sull. On palms in woods, Retiro, July. 1866

17 - Trichostomum jamaicense (Mitt.) Jaeg. On rocks beside the river, Sta. Cruz Balestena, Feb. 3. 1866

18 - Groutiella apiculata (Hook.) Crum & Steere. On trees, Rangel, Nov. 14. 1866

19 - Pogonatum pensilvanicum (Hedw.) Par. On banks, Viñales, Jan. 66, 67

20 - Pogonatum pensilvanicum (Hedw.) Par. On banks, Cayos de San Felipe, J. Pinar del Río. —

21 - Fissidens kegelianus C.M. Retiro, Aug. 66

22 - Fissidens elegans Brid. On dripping banks, Rangel, Nov. 7. 65, 66

23 - Fissidens ~~n. sp.~~ neglectus Crum. In mountain rivulets on rocks overflowed by heavy rain, Loma Pelada, Nov. 29. ?

24 - Fissidens kegelianus C.M. In dense patches, summit of hills, Retiro, Oct. 3. 65

25 - Fissidens similiretis Sull. At the base of palms, Retiro, Oct. 2. 65

26 - Fissidens elegans Brid. On rocky banks of stream, La Catalina (Vega), Nov. ?

27 - Fissidens similiretis Sull. On banks, Rangel, Feb. 9. 1866, 67

28 - Fissidens similiretis Sull. On rocks in mountain wood, Retiro, Sept. 1866

29 - Fissidens similiretis Sull. In mountain rivulets on rocks, overflowed in heavy rain, Loma Pelada, Nov. 29. ?

30 - Fissidens ~~n. sp.~~ pellucidus Hornsch. (form with blunt leaf tips, short costa, strongly toothed margin) On banks, J [urisdicion] Pinar del Rio, Dec. 65, 66

31 - Fissidens garberi L. & J. No data. —

32 - Fissidens leptopus Card. On stones, pinal, Rangel, Dec. 20. 1865, 66

33 - Fissidens elegans Brid. On rocks, Rangel, Jan. 11. 1866, 67

34 - Fissidens pellucidus Hornsch. On banks, mountains of Rangel, Dec. [illegible]

35 - Fissidens similiretis Sull. On the vertical face of rocks, in damp shady woods, Loma Pelada, Dec. 12. ?

36 - Fissidens leptopus Card. On banks in dense woods, Retiro, Nov. 20. 1866

37 - Fissidens similiretis Sull. Loma Pelada, Dec. 12. ?

38 - Fissidens densiretis Sull. ? No data. —

39 - Fissidens similiretis Sull. On rotten logs, Rangel, Dec. 20. [illegible]

40 - Fissidens elegans Brid. forma (= F. cuspidulatus Sull.) On earth, Rangel, Dec. 20. 1865, 66

41 - Fissidens similiretis Sull. On rotten logs, Rangel, Dec. 20. 1865, 66

42 - Fissidens similiretis Sull. & Thuidium urceolatum Lor. On trees in dense woods, Rangel, Dec. 20. 1865

43 - Fissidens leptopus Card. On banks in woods, Retiro, Nov. 20. 1866

44 - Fissidens leptopus Card. On rotten wood in forests, Retiro, Nov. 20. 1866

45 - Fissidens kegelianus C.M. On hard earth along paths, Retiro, Nov. 20. 1866

46 - Fissidens ravenelii Sull. ? & F. radicans Mont. On adventitious roots of palms in woods, Retiro, Nov. 20. 1866

47 - empty

48 - Fissidens garberi L. & J. On banks, Rangel.

49 - Fissidens donnellii Aust. & Isopterygium subtenerrimum (Hampe ex C.M.) Par. & Mittenothamnium diminutivum (Hampe) Britt. On rotten woods, Mogote de Mono, Rangel, Nov. 17. 1865, 66

50 - Fissidens angustifolius Sull. On stones and earth (banks), Rangel, Nov. 14. 1865, 66

51 - Fissidens similiretis Sull. On tree, summit of mountains, Mogote de Mono, Rangel, Nov. 17. 1865

52 - Fissidens leptopus Card. On banks, Rangel, Nov. 14. 1865, 6

53 - Fissidens angustifolius Sull. On earth in dense woods, Rangel, Nov. 14. 1865, 66

54 - Fissidens leptopus Sull. & F. kegelianus C.M. On banks of earth, Rangel, Nov. 17. 1865

55 - Fissidens garberi L. & J. Around the base of bushes, Rangel, Nov. 14. 1865

56 - Fissidens similiretis Sull. On bushes close to the ground, mts. of Rangel, Nov. 14. 1865

57 - empty

58 - Fissidens debilis Schwaegr. On gravel and stones in the bed of a rivulet, Charco de Toro, Aug. ?

59 - Cyclodictyon varians (Sull.) Broth. No data.

60 - Cyclodictyon virians (Sull.) Broth. & Vesicularia vesicularis (Mitt.) Broth. On logs in woods, Rangel, Feb. 9. 1866,67

61 - Vesicularia crassicaulis (Mitt.) Broth. On logs in woods, Rangel, Dec. 20. 1865,66

62 - Callicostella depressa (Hedw.) Jaeg. On rotten logs in the mountains, Balestina, July. 1866

63 - Cyclodictyon varians (Sull.) Broth. & Vesicularia vesicularis (Schw.) Broth. No data. —

64 - Rhizogonium spiniforme (Hedw.) Bruch. On logs and stumps in damp woods, Arroyo veintecinco, Jan. 16. ?

65 - Neckeropsis undulata (Hedw.) Reich. On trees in dense woods, Rangel, Nov. 14. 1865,66

66 - Orthostichidium pentagonum (Hampe & Lor.) C.M. On trees and bushes in damp woods, Rangel, Nov. 14. 1865,66

67 - Neckeropsis disticha (Hedw.) Kindb. No data. —

68 - Orthostichopsis tetragona (Hedw.) Broth. Hanging from bushes, damp woods on the Río Seco in Arroyo Hondo, J. Pinar del Río, Dec. 1866

69 - Barbula cubensis (Mitt.) Broth. On bushes in damp woods, Rangel, Nov. 14. 1865,66

70 - Helicodontium capillare (Hedw.) Jaeg. On trees, Balestena, Feb. 17. 1866

71 - Pilotrichidium leonii (Thér.) Crum & Bartram. On rocks in mountain rivulets, Güinía, Trinidad, March 4. 1867

72 - Leptodictyum riparium (Hedw.) Warnst. No data. —

73 - Leptodictyum riparium (Hedw.) Warnst. On rocks in Río Cuyaguateje, La Griva in Luis Lazo, Dec. 1866

74 - Leptodictyum riparium (Hedw.) Warnst. Rocks in the river Santa Cruz, always submerged, Nov. ?

75 - Syrrhopodon floridanus Sull. On the caudex of arborescent ferns, Loma Pelada, Dec. 12. ?

76 - Lepyrodontopsis trichophylla (Hedw.) Broth. On rocks and trees beneath cliffs, Loma Pelada, Dec. 4. ?

77 - Thuidium urceolatum Lor. On rocks and logs, (no locus).

78 - Thuidium urceolatum Lor. No data.

79 - Thuidium urceolatum Lor. No data.

80 - Thuidium minutulum (Hedw.) BSG. On rotten logs in woods, Rangel, Nov. 14. 1865,66

81 - Vesicularia crassicaulis (Mitt.) Broth. & Ectropothecium apiculatum (Hornsch.) Miss. On rotten logs in dense woods, Rangel, Nov. 14. 1865,66

82 - Ectropothecium apiculatum (Hornsch.) Mitt. On rotting logs in dense woods, Retiro, Nov. 20 1866

83 - Ectropothecium apiculatum (Hornsch.) Mitt. & Thuidium sp. On rotten logs in dense woods, Retiro, Nov. 20. 1866

84 - Vesicularia crassicaulis (Mitt.) Broth. & V. vesicularis (Schwaegr.) Broth. & Ectropothecium apiculatum (Hornsch.) Mitt. No data.

85 - Vesicularia crassicaulis (Mitt.) Broth. On rotten logs in mountains, Rangel, Dec. 1865,66

86 - Vesicularia crassicaulis (Mitt.) Broth. Marshy ground, Monte Verde, Nov. 5. 1865

87 - Vesicularia crassicaulis (Mitt.) Broth. Marshy ground, Monte Verde, Nov. 5. 1865

88 - Hookeriopsis guadalupensis (Brid.) Jaeg. In damp woods on logs, Rangel, Jan. 11. 1866,67

89 - empty

90 - Mittenothamnium reptans (Hedw.) Card. & Thuidium urceolatum Lor. No data.

91 - Haplocladium microphyllum (Hedw.) Broth. At the base of trees, Monte Verde, Nov. 5. 1865

92 - Mittenothamnium diminutivum (Hpe.) Britt. & Thuidium involvens & T. schistocalyx. Caiguanabo, J. Consolación, Nov. 1865,66

93 - Mittenothamnium diminutivum (Hampe) Britt. No data.

94 - Platiothecium jamaicense C.M. On tembladero, Laguna de Monte [?] to Sta. Cruz de los Pinos, Jan. 24. ?

95 - Plagiothecium jamaicense C.M. On dead vegetable matter in lagunas, Sta. Cruz de los Pinos, July. ?

96 - Isopterygium micans (Swartz) Broth. Growing on the trunks of bushes, close to the roots in the edge of ponds, Lagunade Pica Pica, Aug. 65, 66

97 - Plagiothecium jamaicense C.M. On logs beside ponds, Pinar del Río, Sept. 65, 66

98 - Plagiothecium jamaicense C.M. On tembladores in lagunas, J [urisdicion] Pinar del Río, Dec. 65

99 - Vesicularia amphibola (Spruce ex Mitt.) Broth. On sticks in wet places, Retiro, Dec. 4. 65 * 66

100 - Vesicularia crassicaulis (Mitt.) Broth. On wet logs, Rangel, Jan. 27. 67

101 - Vesicularia crassicaulis (Mitt.) Broth. & Thuidium involvens (Hedw.) Mitt. On rotting logs in woods, Retiro, Nov. 20. 66, 65

102 - Plagiothecium jamaicense C.M. Los Cayos de San Felipe, J. Pinar del Río, Nov. 65, 66

103 - Sematophyllum sericifolia Mitt. & Acroporium jamaicae Crum & Bartr. On logs in woods, Rangel, Nov. 14. 65, 66

104 - Acroporium jamaicense Crum & Bartr. On logs, River Sant Cruz, Balestena, Feb. 3. 66

105 - Sematophyllum admistum (Sull.) Mitt. On rotten wood, Retiro, Nov. 20. 66

106 - Stereophyllum radiculosum (Hook.) Mitt. On trees in woods, Rangel, Nov. 17. 65, 67

107 - Taxithelium planum (Brid.) Mitt. Loma Pelada, Dec. 12. 65, 66

108 - Taxithelium planum (Brid.) Mitt. On rotting logs, Retiro, Nov. 20. 66

109 - Sematophyllum caespitosum (Hedw.) Mitt. On trees, Rangel, Nov. 14. 65, 66

110 - Taxithelium planum (Brid.) Mitt. On rotten logs, Rangel. 65, 66, 67

111 p.p. - Hypnum pratense Koch "was mixed with Hookeria 111" . On rocks along the Rio San Sebastian Lagunillas, J. Pinar del Río, Dec. 65, 66

112 - Isopterygium micans (Sw.) Broth. On rocks in the mountains, Retiro, Sept. 66

112a- Isopterygium subtenerrimum (Hampe ex C.M.) Paris. No data.

113 - Leucomium compressum Mitt. & Vesicularia sp. In damp woods on rocks, Rangel, Jan. 11. 66, 67

114 - Leucomium compressum Mitt. & Callicostella depressa & Isopterygium sp. No data.

115 - Haplocladium microphyllum (Hedw.) Broth. & Philonotis gracillima Angstr. On rotten sticks in wet places. (No locus).

116 - Isopterygium subtenerrimum (Hampe) Par. ? (material very poor) On rotten logs in dense woods, Retiro, Nov. 20. 66